



MEETING THE PROJECT MANAGEMENT CHALLENGE

2004

Biography

THERON M. BRADLEY, JR., P.E. Chief Engineer - NASA

Theron M. Bradley, Jr., is the Chief Engineer for NASA. He has held this position since July 2002. As Chief Engineer, he has two principal responsibilities: establishing and implementing agency policy concerning program and project management; and establishing and directing agency policy with regard to , and overseeing the execution of, all engineering and related technical work, including providing advice and recommendations on engineering matters to the Administrator and other senior agency officials. Mr. Bradley reports directly to the NASA Administrator.

In addition to his duties as Chief Engineer, Mr. Bradley has contributed to NASA improvements by serving as the Executive Secretary of the COLUMBIA Accident Investigation Board, and as Chairman of the CONTOUR Mishap Investigation Board. Mr. Bradley also serves as the Chairman of the NASA Inventions and Contributions Board, and participates in leadership positions for various other Agency Boards and Councils.

Prior to joining NASA, Mr. Bradley was a senior civilian manager and nuclear engineer with the Naval Nuclear Propulsion Program, a joint activity of the Department of Energy and the Department of the Navy. In this role, he served from 1982 to 2002 as Manager of the Naval Reactors Idaho Branch Office, directing and managing a 3000 employee facility that included four operational nuclear reactors and a state of the art material research and development activity. Before 1982, Mr. Bradley held several senior positions within the Naval Reactors Headquarters organization, including serving as Director, Submarine Systems, for the Trident submarine program and being instrumental in the initial design of the nuclear propulsion plant for Nimitz class aircraft carriers and the advanced reactor design for Los Angeles class submarines. Mr. Bradley also directed technology research and development in the thermal/hydraulic, shock, vibration, noise, and structural mechanics areas.

Mr. Bradley holds Bachelor of Science degrees in Physics and Mathematics from Oregon State University, has completed Masters postgraduate work in Nuclear Engineering from Bettis Reactor Engineering School, holds a law degree from LaSalle Extension University, and has completed postgraduate work in Physics at the University of Idaho.

Mr. Bradley is a registered Professional Engineer in Nuclear Engineering and Mechanical Engineering in Idaho and Virginia. He is a member of the American Nuclear Society and the American Institute of Aeronautics and Astronautics. He is also one of the few recipients of the National Nuclear Security Administration's Gold Award for consistently providing outstanding leadership and accomplishing a sustained level of exceptional achievement over an extended period.

Theron and his wife, Karen, reside in Virginia with their younger daughter, Lynda. They also have three grown children and five grandchildren living in Florida and Idaho.



NASA Project Management Conference